AMENDMENTS TO THE CLAIMS:

Claims 15 and 16 are canceled without prejudice or disclaimer. Claims 3,5-11, 14 are amended. The following is the status of the claims of the above-captioned application, as amended.

Claim 1. (Original) A process for the treatment of a paper making pulp, the process comprising the following steps: a) an alkaline treatment of the pulp, b) a treatment of the pulp with a pectin lyase, a pectate lyase, or a combination of a pectate lyase and a pectinesterase.

Claim 2. (Original) The process of claim 1, wherein

(i) the pectate lyase treatment follows the alkaline treatment step;

(ii) the pectate lyase treatment is followed by the alkaline treatment step;

(iii) the pectin lyase treatment is followed by the alkaline treatment step;

(iv) the treatment with a combination of pectate lyase and pectinesterase is followed by the alkaline treatment step; or

(v) the treatment with a combination of pectate lyase and pectinesterase follows the alkaline treatment step.

Claim 3. (Currently amended) The process of ~~anyone of the preceding claims~~claim 1, further comprising step c) a draining of the pulp.

Claim 4. (Original) The process of claim 3 which is a process for making a paper material.

Claim 5. (Currently amended) The process of ~~any one of the preceding claims~~claim 1, wherein the enzyme treatment of step b) leads to the formation of unsaturated oligomers with a 4,5 carbon-carbon double bond in the non-reducing end, resulting in degradation products exhibiting a distinct UV absorbance at 235 nm.

Claim 6. (Currently amended) The process of ~~any one of~~ claims ~~3-5~~, wherein step c) follows steps a) and b).

Claim 7. (Currently amended) The process of ~~any one of the preceding claims~~claim 1, which comprises at least one of the following additional steps: d) debarking, e) chipping, f) refining, g) screening, h) cleaning, i) thickening, j) storage, k) forming the paper material, and/or l) drying the paper material.

Claim 8. (Currently amended) The process of ~~any one of the preceding claims~~claim 1, wherein the alkaline treatment is a hydrogen peroxide or hydrosulphite bleaching, or a repulping of recycled pulp.

Claim 9. (Currently amended) The process of ~~any one of the preceding claims~~claim 1, wherein the pulp is additionally treated with a polygalacturonase and/or a pectate disaccharide-lyase.

Claim 10. (Currently amended) The process of ~~any one of the preceding claims~~claim 1, wherein the enzymes are added to wash water, white water, process water, and/or drained water.

Claim 11. (Currently amended) The process of ~~any one of the preceding claims~~claim 1, wherein the enzymes are added together with complexing agents and/or surfactants.

Claim 12. (Original) A method of reducing the cationic demand and/or the content of anionic trash in a pulp, the method comprising the steps of a) an alkaline treatment of the pulp, b) a treatment of the pulp with i) a xylanase, and/or ii) a pectin lyase, a pectate lyase, or a combination of a pectate lyase and a pectinesterase.

Claim 13. (Original) The method of claim 12, wherein
(i) the pectate lyase treatment follows the alkaline treatment step;
(ii) the pectate lyase treatment is followed by the alkaline treatment step;
(iii) the pectin lyase treatment is followed by the alkaline treatment step;
(iv) the treatment with a combination of pectate lyase and pectinesterase is followed by the alkaline treatment step;
(v) the treatment with a combination of pectate lyase and pectinesterase follows the alkaline treatment step;
(vi) the xylanase treatment follows the alkaline treatment step; and/or
(vii) the xylanase treatment is followed by the alkaline treatment step.

Claim 14. (Currently amended) The method of ~~any one of~~ claims 12~~-13~~, wherein step b) includes a treatment of the pulp with a pectinase.

Claim 15. (Cancelled)

Claim 16. (Cancelled)